Hide Items Restore Clear Cancel

Hide?	Set Name	Query	Hit Count
	DB=PGPE	B, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = YB	ES; OP=OR
	L46	"biofilm" and "sonic wave"	5
	L45	L44 and "sonic wave"	1
	L44	"biofilm" and "electrical field" and "skin"	12
	L43	L35 and "electrical field"	1
	L42	L35 and "sonic"	0
	L41	L38 and "sonic"	0
	L40	L38 and "electrical field"	0
	L39	L3 and "electrical field"	1
	L38	6455031.pn.	2
	L37	6210681.pn.	2
	L36	6335023.pn.	2
	L35	5939485.pn.	2
	L34	L33 and "glucosidase"	9
	L33	L32 and "biofilm"	32
	L32	L31 and "nail"	32
	L31	L29 and "peroxide"	66
	L30	L29 and "treating skin"	6
	L29	L28 and "skin"	117
	L28	"acne" and "biofilm"	153
	L27	L26 and "nail"	1
	L26	L25 and "peroxide benzoyl"	9
	L25	L24 and "skin"	191
	L24	"peroxide radicals"	1418
	L23	"dermatophytoma"	4
	L22	L21 and "dermatophytoma"	0
	L21	L20 and "fungal infection"	7
	L20	L19 and "antimicrobial"	97
	L19	L18 and "nail"	167
	L18	"peroxide" and "skin treatment"	729
	L17	L16 and "biofilm"	1
	L16	L14 and "bacterial infection"	101

L15	L14 and "biofilm"	7
L14	"treating skin" and "peroxide"	1172
L13	L11 and "peroxide"	8
L12	L11 and "guaifenesin"	2
L11	"disrupting biofilm"	31
L10	L9 and "skin"	12
L9	"biofilm" and "electrical field"	41
L8	L7 and "sonic"	8
L7	"dermatological" and "electrical field"	82
L6	L2 and "electrical"	8
L5	"nail" and l2	9
L4	"dermatophytoma"	4
L3	L2 and "dermatophytoma"	2
L2	"biofilm" and "dermatological"	71
DB = USP	PT; PLUR=YES; OP=OR	
L1	6524602.pn.	1

Hide liems: Restore Clear Cancel

Hide?	Set Name	Query	Hit Count
	DB=PGPI	B, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = YE	S; OP=OR
	L56	L55 and "dermatophytoma"	0
	L55	L54 and "nail"	1
	L54	L53 and "skin"	1
	L53	L50 and "acne"	1
	L52	L50 and "electrical"	0
	L51	L50 and "sonic"	0
	L50	L49 and "biofilm"	1
	L49	5356803.pn.	2
	L48	6522918.pn.	2
	L47	6522918.pn.	2
	L46	"biofilm" and "sonic wave"	5
	L45	L44 and "sonic wave"	1
	L44	"biofilm" and "electrical field" and "skin"	12
	L43	L35 and "electrical field"	1
	L42	L35 and "sonic"	0
	L41	L38 and "sonic"	0
	L40	L38 and "electrical field"	0
	L39	L3 and "electrical field"	1
	L38	6455031.pn.	2
	L37	6210681.pn.	2
	L36	6335023.pn.	2
	L35	5939485.pn.	2
	L34	L33 and "glucosidase"	9
	L33	L32 and "biofilm"	32
	L32	L31 and "nail"	32
	L31	L29 and "peroxide"	66
	L30	L29 and "treating skin"	6
	L29	L28 and "skin"	117
	L28	"acne" and "biofilm"	153
	L27	L26 and "nail"	1
	L26	L25 and "peroxide benzoyl"	9

L25	L24 and "skin"	191
L24	"peroxide radicals"	1418
L23	"dermatophytoma"	4
L22	L21 and "dermatophytoma"	0
L21	L20 and "fungal infection"	7
L20	L19 and "antimicrobial"	97
L19	L18 and "nail"	167
L18	"peroxide" and "skin treatment"	729
L17	L16 and "biofilm"	1
L16	L14 and "bacterial infection"	101
L15	L14 and "biofilm"	7
L14	"treating skin" and "peroxide"	1172
L13	L11 and "peroxide"	8
L12	L11 and "guaifenesin"	2
L11	"disrupting biofilm"	31
L10	L9 and "skin"	12
L9	"biofilm" and "electrical field"	41
L8	L7 and "sonic"	8
L7	"dermatological" and "electrical field"	82
L6	L2 and "electrical"	8
L5	"nail" and l2	9
L4	"dermatophytoma"	4
L3	L2 and "dermatophytoma"	2
L2	"biofilm" and "dermatological"	71
DB = USP	T; PLUR=YES; OP=OR	
L1	6524602.pn.	1

First Hit Fwd Refs
End of Result Set

Previous Doc Next Doc Go to Doc#

Generate Collection Print

L10: Entry 12 of 12

File: USPT

Jan 6, 1998

DOCUMENT-IDENTIFIER: US 5705050 A

** See image for Certificate of Correction **

TITLE: Electrolytic process and apparatus for the controlled oxidation and reduction of inorganic and organic species in aqueous solutions

Brief Summary Text (12):

Also, as used herein, the term "bipolar" refers to an electrolytic cell and process where the DC <u>electrical field</u> can be reversed periodically in such a way that the anode becomes the cathode, and the cathode becomes the anode. This reverse process continues for some period of time, and then the DC electric field is reversed back to its original condition. The reversing then repeats for the prescribed intervals. In contrast, the term "monopolar" refers to a cell and process where the DC <u>electrical field</u> is not reversed so that the anode is always the anode, and the cathode is always the cathode.

Detailed Description Text (16):

In addition to the industrial applications disclosed in Sampson U.S. Pat. No. 5,419,816, it has been discovered that many point-of-use applications exist for the technology disclosed. In the medical, dental and veterinary fields, microbiological contamination is a serious concern for both the patient and the health care provider. Currently, bottled disinfectants are used topically to prevent infection and prevent the spread of infection to others. These bottled solutions, such as bottled iodine, are stabilized to prevent decomposition. This stabilization, however, yields a large percentage of the iodine in solution unavailable for disinfection because it is either bound by the stabilizer, or the equilibrium of solution has been chemically shifted to favor the forms of iodine with no disinfection capabilities. The electrolytic oxidation process described herein yields a solution which is not stabilized, so it yields the highest concentration of disinfectant, such as free iodine, in its most effective form. The solution can be dispensed dropwise, in a spray, in a pulsed stream, in a steady stream, or in any way it is needed to disinfect. The surfaces to be disinfected range from skin to dental water lines, so a variety of disinfectants may be chosen for specific applications. For example, skin has been disinfected with iodine since the 1800s, but bromine would be a better disinfectant for most inanimate surfaces.

Detailed Description Text (22):

Many industries require membrane filtration in their processes. Many of these membranes cannot tolerate halogen-based sanitants such as chlorine, so they are susceptible to bacteria fouling on their surfaces. This bacteria fouling is known as a "biofilm" and can decrease the performance of the membranes. To remove the biofilm, non-halogen-based sanitants, such as peracetic acid and chlorine dioxide, are used. These sanitants, as well as others, can be produced by the electrolytic oxidation process described herein by electrolytically oxidizing acetic acid to peracetic acid or sodium chlorite to chlorine dioxide. Membranes are used in kidney dialysis, water filtration, pharmaceutical processing, desalination, semiconductor processing, and water recycling.

Previous Doc Next Doc Go to Doc#

Hide (tems) Restore Clear Cancel

Hide?		- •	Hit Count
		T; PLUR=YES; OP=OR	
	L82	"sonic waves" and "biofilm"	0
	L81	"sonicated biofilm"	0
	L80	L79 and "acne"	5
	L79	L78 and "skin"	54
	L78	"sonication" and "biofilm"	91
	L77	"destroying biofilm" and "sonicating"	0
	L76	"sonicating biofilms"	0
	L75	L73	28
	DB=PGPB	B, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = 1	YES; OP=OR
	L74	L73 and "peroxide"	19
	L73	L72 and "treatment"	51
	L72	L71 and "skin"	51
	L71	"sonic" and "biofilm"	95
	L70	"treating skin" and "sonic waves"	5
	L69	L67 and "biofilm"	5
	L68	L67 and "acne"	7
	L67	"sonic wave"	4731
	L66	L65 and "sonic"	0
	L65	L63 and "biofilm"	1
	L64	L57 and "biofilm"	1
	L63	L62 and "skin"	1
	L62	6522918.pn.	2
	L61	L58 and "electrical"	0
	L60	L58 and "sonic"	0
	L59	L58 and "dermatophytoma"	0
	L58	L57 and "nail"	1
	L57	6939568.pn.	2
	L56	L55 and "dermatophytoma"	0
	L55	L54 and "nail"	1
	L54	L53 and "skin"	1
	L53	L50 and "acne"	1

L52	L50 and "electrical"	0
L51	L50 and "sonic"	0
L50	L49 and "biofilm"	1
L49	5356803.pn.	2
L48	6522918.pn.	2
L47	6522918.pn.	2
L46	"biofilm" and "sonic wave"	5
L45	L44 and "sonic wave"	1
L44	"biofilm" and "electrical field" and "skin"	12
L43	L35 and "electrical field"	1
L42	L35 and "sonic"	0
L41	L38 and "sonic"	0
L40	L38 and "electrical field"	0
L39	L3 and "electrical field"	1
L38	6455031.pn.	2
L37	6210681.pn.	2
L36	6335023.pn.	2
L35	5939485.pn.	2
L34	L33 and "glucosidase"	9
L33	L32 and "biofilm"	32
L32	L31 and "nail"	32
L31	L29 and "peroxide"	66
L30	L29 and "treating skin"	6
L29	L28 and "skin"	117
L28	"acne" and "biofilm"	153
L27	L26 and "nail"	1
L26	L25 and "peroxide benzoyl"	9
L25	L24 and "skin"	191
L24	"peroxide radicals"	1418
L23	"dermatophytoma"	4
L22	L21 and "dermatophytoma"	0
L21	L20 and "fungal infection"	7
L20	L19 and "antimicrobial"	97
L19	L18 and "nail"	167
L18	"peroxide" and "skin treatment"	729
L17	L16 and "biofilm"	1
L16	L14 and "bacterial infection"	101

L15	L14 and "biofilm"	7
L14	"treating skin" and "peroxide"	1172
L13	L11 and "peroxide"	8
L12	L11 and "guaifenesin"	2
L11	"disrupting biofilm"	31
L10	L9 and "skin"	12
L9	"biofilm" and "electrical field"	41
L8	L7 and "sonic"	8
L7	"dermatological" and "electrical field"	82
L6	L2 and "electrical"	8
L5	"nail" and l2	9
L4	"dermatophytoma"	4
L3	L2 and "dermatophytoma"	2
L2	"biofilm" and "dermatological"	71
DB = USP	T; PLUR=YES; OP=OR	
L1	6524602.pn.	1

Hide Items Restore Clear Cancel

Hide?	Set Name	Query	Hit Count		
	DB=USPT; $PLUR=YES$; $OP=OR$				
	L87	L84 and "skin"	1		
	L86	L84 and "fungal infections"	0		
	L85	L84 and "acne"	0		
	L84	L83 and "antimicrobial"	1		
	L83	5320805.pn.	1		
	L82	"sonic waves" and "biofilm"	0		
	L81	"sonicated biofilm"	0		
	L80	L79 and "acne"	5		
	L79	L78 and "skin"	54		
	L78	"sonication" and "biofilm"	91		
	L77	"destroying biofilm" and "sonicating"	0		
	L76	"sonicating biofilms"	0		
	L75	L73	28		
	DB=PGPE	B, USPT, USOC, EPAB, JPAB, DWPI, TDBD; PLUR = Y	ES; OP=OR		
	L74	L73 and "peroxide"	19		
	L73	L72 and "treatment"	51		
	L72	L71 and "skin"	51		
	L71	"sonic" and "biofilm"	95		
	L70	"treating skin" and "sonic waves"	5		
	L69	L67 and "biofilm"	5		
	L68	L67 and "acne"	7		
	L67	"sonic wave"	4731		
	L66	L65 and "sonic"	0		
	L65	L63 and "biofilm"	1		
	L64	L57 and "biofilm"	1		
	L63	L62 and "skin"	1		
	L62	6522918.pn.	2		
	L61	L58 and "electrical"	0		
	L60	L58 and "sonic"	0		
	L59	L58 and "dermatophytoma"	0		
	L58	L57 and "nail"	1		

L57	6939568.pn.	2
L56	L55 and "dermatophytoma"	0
L55	L54 and "nail"	1
L54	L53 and "skin"	1
L53	L50 and "acne"	1
L52	L50 and "electrical"	0
L51	L50 and "sonic"	0
L50	L49 and "biofilm"	1
L49	5356803.pn.	2
L48	6522918.pn.	2
L47	6522918.pn.	2
L46	"biofilm" and "sonic wave"	5
L45	L44 and "sonic wave"	1
L44	"biofilm" and "electrical field" and "skin"	12
L43	L35 and "electrical field"	1
L42	L35 and "sonic"	0
L41	L38 and "sonic"	0
L40	L38 and "electrical field"	0
L39	L3 and "electrical field"	1
L38	6455031.pn.	2
L37	6210681.pn.	2
L36	6335023.pn.	2
L35	5939485.pn.	2
L34	L33 and "glucosidase"	9
L33	L32 and "biofilm"	32
L32	L31 and "nail"	32
L31	L29 and "peroxide"	66
L30	L29 and "treating skin"	6
L29	L28 and "skin"	117
L28	"acne" and "biofilm"	153
L27	L26 and "nail"	1
L26	L25 and "peroxide benzoyl"	9
L25	L24 and "skin"	191
L24	"peroxide radicals"	1418
L23	"dermatophytoma"	4
L22	L21 and "dermatophytoma"	0
L21	L20 and "fungal infection"	7

L20	L19 and "antimicrobial"	97
L19	L18 and "nail"	167
L18	"peroxide" and "skin treatment"	729
L17	L16 and "biofilm"	1
L16	L14 and "bacterial infection"	101
L15	L14 and "biofilm"	7
L14	"treating skin" and "peroxide"	1172
L13	L11 and "peroxide"	8
L12	L11 and "guaifenesin"	2
L11	"disrupting biofilm"	31
L10	L9 and "skin"	12
L9	"biofilm" and "electrical field"	41
L8	L7 and "sonic"	8
L7	"dermatological" and "electrical field"	82
L6	L2 and "electrical"	8
L5	"nail" and 12	9
L4	"dermatophytoma"	4
L3	L2 and "dermatophytoma"	2
L2	"biofilm" and "dermatological"	71
DB = USP	T; PLUR=YES; OP=OR	
L1	6524602.pn.	1

```
ANSWER 1 OF 14 USPATFULL on STN
L6
       2005:157920 USPATFULL
AN
TT
       Dry powders of metal-containing compounds
       Gillis, Scott H., Concord, MA, UNITED STATES
TN
       Schechter, Paul, Dover, MA, UNITED STATES
       Burrell, Robert E., Alberta, CANADA
       Nucryst Pharmaceuticals Corp. a Canada corporation (U.S. corporation)
PA
PΙ
       US 2005136128
                           A1
                                20050623
AΙ
       US 2004-998499
                           A1
                                20041129 (10)
       Continuation of Ser. No. US 2002-277298, filed on 22 Oct 2002, PENDING
RLI
       Continuation-in-part of Ser. No. US 2001-916757, filed on 27 Jul 2001,
       GRANTED, Pat. No. US 6692773 Continuation-in-part of Ser. No. US
       2000-628735, filed on 27 Jul 2000, ABANDONED Continuation-in-part of
       Ser. No. US 2002-159587, filed on 30 May 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-131568, filed on 23 Apr 2002,
       PENDING Continuation-in-part of Ser. No. US 2001-840637, filed on 23 Apr
       2001, PENDING Continuation-in-part of Ser. No. US 2002-131511, filed on
       23 Apr 2002, PENDING Continuation-in-part of Ser. No. US 2001-840637,
       filed on 23 Apr 2001, PENDING Continuation-in-part of Ser. No. US
       2002-131509, filed on 23 Apr 2002, PENDING Continuation-in-part of Ser.
       No. US 2001-840637, filed on 23 Apr 2001, PENDING Continuation-in-part
       of Ser. No. US 2002-128208, filed on 23 Apr 2002, PENDING
       Continuation-in-part of Ser. No. US 2001-840637, filed on 23 Apr 2001,
       PENDING
                            20010423 (60)
PRAI
       US 2001-285884P
       US 2001-285884P
                            20010423 (60)
       US 2001-285884P
                            20010423 (60)
       US 2001-285884P
                            20010423 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 3310
       INCLM: 424/618.000
INCL
       INCLS: 424/649.000
       NCLM: 424/618.000
NCL
       NCLS: 424/649.000
IC
       [7]
       ICM
              A61K033-38
       ICS
              A61K033-24
       IPCI
              A61K0033-38 [ICM, 7]; A61K0033-24 [ICS, 7]
       IPCR
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A]; A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A]; A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 2 OF 14 USPATFULL on STN
L6
AN
       2005:150713 USPATFULL
       Methods of treating conditions with a metal-containing material
TI
       Burrell, Robert E., Sherwood Park, CANADA
IN
       Gillis, Scott H., Concord, MA, UNITED STATES
       Schechter, Paul, Dover, MA, UNITED STATES
       Naylor, Antony G., Cambridge, CANADA
       Moxham, Peter H., Sherwood Park, CANADA
       Wright, John B., San Antonio, TX, UNITED STATES
       Lam, Kan, San Antonio, TX, UNITED STATES
PA
       Nucryst Pharmaceuticals Corp., Alberta, CANADA (U.S. corporation)
       US 2005129624
                                20050616
PI
                           A1
```

```
ΑI
       US 2004-985204
                          A1
                               20041110 (10)
       Continuation of Ser. No. US 2002-277358, filed on 22 Oct 2002, PENDING
RLI
       Continuation-in-part of Ser. No. US 2002-159587, filed on 30 May 2002,
       PENDING Continuation-in-part of Ser. No. US 2002-128208, filed on 23 Apr
       2002, PENDING Continuation-in-part of Ser. No. US 2002-131509, filed on
       23 Apr 2002, PENDING Continuation-in-part of Ser. No. US 2002-131511,
       filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. US
       2002-131568, filed on 23 Apr 2002, PENDING Continuation-in-part of Ser.
       No. US 2001-916757, filed on 27 Jul 2001, GRANTED, Pat. No. US 6692773
       Continuation-in-part of Ser. No. US 2001-840637, filed on 23 Apr 2001,
       PENDING Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul
       2000, ABANDONED
DT
       Utility
       APPLICATION
FS
LN.CNT 3325
       INCLM: 424/046.000
INCL
       INCLS: 424/617.000
NCL
       NCLM: 424/046.000
       NCLS: 424/617.000
IC
       [7]
       ICM
              A61L009-04
       ICS
              A61K009-14; A61K033-00
       IPCI
              A61L0009-04 [ICM,7]; A61K0009-14 [ICS,7]; A61K0033-00 [ICS,7]
       IPCR
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 3 OF 14 USPATFULL on STN
L6
       2004:246735 USPATFULL
AN
       Compositions and methods of metal-containing materials
TI
IN
       Burrell, Robert E., Alberta, CANADA
       Wright, John B., San Antonio, TX, UNITED STATES
       Lam, Kan, San Antonio, TX, UNITED STATES
       Yin, Hua Qing, Alberta, CANADA
       Naylor, Antony G., Ontario, CANADA
       Moxham, Peter H., Alberta, CANADA
       Gillis, Scott H., Concord, MA, UNITED STATES
       Schechter, Paul, Dover, MA, UNITED STATES
       Robert Stiles, James Alexander, Toronto, CANADA
PΙ
       US 2004191329
                               20040930
                          A1
ΑI
       US 2003-690715
                          A1
                               20031022 (10)
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
RLI
       ABANDONED Continuation-in-part of Ser. No. US 2001-916757, filed on 27
       Jul 2001, GRANTED, Pat. No. US 6692773 Continuation-in-part of Ser. No.
       US 2001-840637, filed on 23 Apr 2001, PENDING Continuation-in-part of
       Ser. No. US 2002-128208, filed on 23 Apr 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-131509, filed on 23 Apr 2002,
       PENDING Continuation-in-part of Ser. No. US 2002-131511, filed on 23 Apr
       2002, PENDING Continuation-in-part of Ser. No. US 2002-131568, filed on
       23 Apr 2002, PENDING Continuation-in-part of Ser. No. US 2002-159587,
       filed on 30 May 2002, PENDING Continuation-in-part of Ser. No. US
       2002-277673, filed on 22 Oct 2002, PENDING Continuation-in-part of Ser.
       No. US 2002-277356, filed on 22 Oct 2002, PENDING Continuation-in-part
       of Ser. No. US 2002-277298, filed on 22 Oct 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-277362, filed on 22 Oct 2002,
       PENDING Continuation-in-part of Ser. No. US 2002-277358, filed on 22 Oct
       2002, PENDING Continuation-in-part of Ser. No. US 2002-277320, filed on
       22 Oct 2002, PENDING
```

```
DT
       Utility
FS
       APPLICATION
LN.CNT 3855
       INCLM: 424/618.000
INCL
NCL
       NCLM: 424/618.000
       [7]
IC
       ICM
              A61K033-38
       IPCI
              A61K0033-38 [ICM, 7]
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
       IPCR
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 4 OF 14 USPATFULL on STN
L6
       2004:227926 USPATFULL
AN
ΤI
       Treatment of ungual and subungual diseases
       Gillis, Scott H., Concord, MA, UNITED STATES
IN
PΙ
       US 2004176312
                          A1
                               20040909
ΑI
       US 2004-770132
                          A1
                               20040202 (10)
       Continuation-in-part of Ser. No. US 2002-128208, filed on 23 Apr 2002,
RLI
       PENDING Continuation-in-part of Ser. No. US 2002-131509, filed on 23 Apr
       2002, PENDING Continuation-in-part of Ser. No. US 2002-131511, filed on
       23 Apr 2002, PENDING Continuation-in-part of Ser. No. US 2002-131568,
       filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. US
       2002-159587, filed on 30 May 2002, PENDING Continuation-in-part of Ser.
       No. US 2002-277673, filed on 22 Oct 2002, PENDING Continuation-in-part
       of Ser. No. US 2002-277356, filed on 22 Oct 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-277298, filed on 22 Oct 2002,
       PENDING Continuation-in-part of Ser. No. US 2002-277362, filed on 22 Oct
       2002, PENDING Continuation-in-part of Ser. No. US 2002-277358, filed on
       22 Oct 2002, PENDING Continuation-in-part of Ser. No. US 2002-277320,
       filed on 22 Oct 2002, PENDING Continuation-in-part of Ser. No. US
       2003-690774, filed on 22 Oct 2003, PENDING Continuation-in-part of Ser.
       No. US 2003-690724, filed on 22 Oct 2003, PENDING Continuation-in-part
       of Ser. No. US 2003-690715, filed on 22 Oct 2003, PENDING
DT
       Utility
FS
       APPLICATION
LN.CNT 3771
INCL
       INCLM: 514/036.000
       INCLS: 514/254.070; 604/500.000
NCL
       NCLM:
              514/036.000
       NCLS: 514/254.070; 604/500.000
IC
       [7]
       ICM
              A61K031-704
       ICS
              A61K031-496
       IPCI
              A61K0031-704 [ICM,7]; A61K0031-496 [ICS,7]
              A61K0009-70 [I,A]; A61K0009-70 [I,C]; A61K0031-28 [I,A];
       IPCR
              A61K0031-28 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-36 [I,A]; A61K0047-36 [I,C]; A61K0047-38 [I,A];
              A61K0047-38 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 5 OF 14 USPATFULL on STN
AN
       2004:196412 USPATFULL
TI
       Material and method for treating microbial mediated dermatological
       conditions
IN
       Hamer, Richard A., Belleville, MI, UNITED STATES
       Burkhart, Craig G., Toledo, OH, UNITED STATES
```

20010423 (60)

PRAI

US 2001-285884P

```
Burkhart, Craig N., Providence, RI, UNITED STATES
                       A1
PΙ
       US 2004151716
                               20040805
ΑI
       US 2004-770091
                          A1
                               20040202 (10)
PRAI
       US 2003-444458P
                          20030203 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 305
INCL
       INCLM: 424/094.630
       INCLS: 424/094.600; 424/094.610; 514/012.000; 607/001.000
NCL
              424/094.630
              424/094.600; 424/094.610; 514/012.000; 607/001.000
       NCLS:
IC
       [7]
       ICM
              A61K038-46
       ICS
              A61K038-47; A61K038-48; A61N001-00
              A61K0038-46 [ICM,7]; A61K0038-47 [ICS,7]; A61K0038-48 [ICS,7];
       IPCI
              A61N0001-00 [ICS,7]
              A61K0031-075 [I,C]; A61K0031-09 [I,A]; A61K0031-137 [I,A];
       IPCR
              A61K0031-137 [I,C]; A61K0031-327 [I,A]; A61K0031-327 [I,C];
              A61K0038-43 [I,C]; A61K0038-46 [I,A]; A61K0038-53 [I,A];
              A61N0001-18 [I,A]; A61N0001-18 [I,C]; A61N0007-00 [N,A];
              A61N0007-00 [N,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 6 OF 14 USPATFULL on STN
       2004:171537 USPATFULL
AN
       Methods of treating conditions using metal-containing materials
TI
       Gillis, Scott H., Concord, MA, UNITED STATES
IN
       Schechter, Paul, Dover, MA, UNITED STATES
       Stiles, James Alexander Robert, Toronto, CANADA
PΙ
       US 2004131698
                          Α1
                               20040708
ΑI
       US 2003-690724
                          A1
                               20031022 (10)
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
RLI
       ABANDONED Continuation-in-part of Ser. No. US 2001-916757, filed on 27
       Jul 2001, GRANTED, Pat. No. US 6692773 Continuation-in-part of Ser. No.
       US 2001-840637, filed on 23 Apr 2001, PENDING Continuation-in-part of
       Ser. No. US 2002-128208, filed on 23 Apr 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-131509, filed on 23 Apr 2002,
       PENDING Continuation-in-part of Ser. No. US 2002-131511, filed on 23 Apr
       2002, PENDING Continuation-in-part of Ser. No. US 2002-131568, filed on
       23 Apr 2002, PENDING Continuation-in-part of Ser. No. US 2002-159587,
       filed on 30 May 2002, PENDING Continuation-in-part of Ser. No. US
       2002-277673, filed on 22 Oct 2002, PENDING Continuation-in-part of Ser.
       No. US 2002-277356, filed on 22 Oct 2002, PENDING Continuation-in-part
       of Ser. No. US 2002-277298, filed on 22 Oct 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-277362, filed on 22 Oct 2002,
       PENDING Continuation-in-part of Ser. No. US 2002-277358, filed on 22 Oct
       2002, PENDING Continuation-in-part of Ser. No. US 2002-277320, filed on
       22 Oct 2002, PENDING
DT
       Utility
FS
       APPLICATION
LN.CNT 3866
INCL
       INCLM: 424/617.000
NCL
       NCLM:
             424/617.000
IC
       [7]
       ICM
              A61K033-24
       IPCI
              A61K0033-24 [ICM, 7]
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
       IPCR
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
```

```
ANSWER 7 OF 14 USPATFULL on STN
L6
AN
       2004:168962 USPATFULL
TI
       Metal-containing materials
       Gillis, Scott H., Concord, MA, UNITED STATES
IN
       Schechter, Paul, Dover, MA, UNITED STATES
       Robert Stiles, James Alexander, Toronto, CANADA
PΙ
       US 2004129112
                          A1
                               20040708
       US 2003-690774
                          A1
                               20031022 (10)
ΑI
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
RLI
       ABANDONED Continuation-in-part of Ser. No. US 2001-916757, filed on 27
       Jul 2001, GRANTED, Pat. No. US 6692773 Continuation-in-part of Ser. No.
       US 2001-840637, filed on 23 Apr 2001, PENDING Continuation-in-part of
       Ser. No. US 2002-128208, filed on 23 Apr 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-131509, filed on 23 Apr 2002,
       PENDING Continuation-in-part of Ser. No. US 2002-131511, filed on 23 Apr
       2002, PENDING Continuation-in-part of Ser. No. US 2002-131568, filed on
       23 Apr 2002, PENDING Continuation-in-part of Ser. No. US 2002-159587,
       filed on 30 May 2002, PENDING Continuation-in-part of Ser. No. US
       2002-277673, filed on 22 Oct 2002, PENDING Continuation-in-part of Ser.
       No. US 2002-277356, filed on 22 Oct 2002, PENDING Continuation-in-part
       of Ser. No. US 2002-277298, filed on 22 Oct 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-277362, filed on 22 Oct 2002,
       PENDING Continuation-in-part of Ser. No. US 2002-277358, filed on 22 Oct
       2002, PENDING Continuation-in-part of Ser. No. US 2002-277320, filed on
       22 Oct 2002, PENDING
DT
       Utility
       APPLICATION
FS
LN.CNT 3727
INCL
       INCLM: 075/252.000
NCL
       NCLM: 075/252.000
IC
       [7]
       ICM
              C22C001-05
              C22C0001-05 [ICM, 7]
       IPCI
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
       IPCR
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 8 OF 14 USPATFULL on STN
       2003:293953 USPATFULL
AN
ΤI
       Methods of inducing apoptosis and modulating metalloproteinases
IN
       Burrell, Robert E., Alberta, CANADA
       Gillis, Scott H., Concord, MA, UNITED STATES
       Schechter, Paul, Dover, MA, UNITED STATES
       Wright, John B., San Antonio, TX, UNITED STATES
       Lam, Kan, San Antonio, TX, UNITED STATES
PΙ
       US 2003206966
                          A1
                               20031106
ΑI
       US 2002-277320
                          A1
                               20021022 (10)
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
RLI
       ABANDONED Continuation-in-part of Ser. No. US 2001-916757, filed on 27
       Jul 2001, PENDING Continuation-in-part of Ser. No. US 2001-840637, filed
       on 23 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2002-128208,
       filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. US
       2002-131509, filed on 23 Apr 2002, PENDING Continuation-in-part of Ser.
      No. US 2002-131511, filed on 23 Apr 2002, PENDING Continuation-in-part
       of Ser. No. US 2002-131568, filed on 23 Apr 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-159587, filed on 30 May 2002,
```

```
PENDING
PRAI
       US 2001-285884P
                            20010423 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 3281
INCL
       INCLM: 424/618.000
       INCLS: 424/649.000; 424/647.000
NCL
       NCLM: 424/618.000
       NCLS: 424/647.000; 424/649.000
IC
       [7]
       ICM
              A61K033-38
       ICS
              A61K033-26; A61K033-24
       IPCI
              A61K0033-38 [ICM,7]; A61K0033-26 [ICS,7]; A61K0033-24 [ICS,7]
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
       IPCR
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 9 OF 14 USPATFULL on STN
L6
AN
       2003:288288 USPATFULL
ΤI
       Solutions and aerosols of metal-containing compounds
       Burrell, Robert E., Alberta, CANADA
IN
       Gillis, Scott H., Concord, MA, UNITED STATES
       Schechter, Paul, Dover, MA, UNITED STATES
       Wright, John B., San Antonio, TX, UNITED STATES
       Lam, Kan, San Antonio, TX, UNITED STATES
       Yin, Hua Qing, Alberta, CANADA
       Naylor, Antony G., Alberta, CANADA
       Moxham, Peter H., Alberta, CANADA
PΙ
       US 2003203046
                          A1
                                20031030
ΑI
       US 2003-364983
                          A1
                                20030212 (10)
       Continuation of Ser. No. US 2002-277673, filed on 22 Oct 2002, PENDING
RLI
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
       ABANDONED
DT
       Utility
FS
       APPLICATION
LN.CNT 3395
INCL
       INCLM: 424/618.000
       INCLS: 424/649.000; 424/646.000; 424/702.000
NCL
       NCLM:
              424/618.000
       NCLS: 424/646.000; 424/649.000; 424/702.000
IC
       [7]
       ICM
              A61K033-38
       ICS
              A61K033-26; A61K033-24; A61K033-04
              A61K0033-38 [ICM,7]; A61K0033-26 [ICS,7]; A61K0033-24 [ICS,7];
       IPCI
              A61K0033-04 [ICS,7]
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-70 [I,A];
       IPCR
              A61K0009-70 [I,C]; A61K0031-28 [I,A]; A61K0031-28 [I,C];
              A61K0033-38 [I,A]; A61K0033-38 [I,C]; A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61Q0019-00 [I,A];
              A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L<sub>6</sub>
     ANSWER 10 OF 14 USPATFULL on STN
       2003:276419 USPATFULL
AN
TI
       Methods of treating skin and integument conditions
IN
       Burrell, Robert E., Alberta, CANADA
       Gillis, Scott H., Concord, MA, UNITED STATES
```

```
Schechter, Paul, Dover, MA, UNITED STATES
       Wright, John B., San Antonio, TX, UNITED STATES
       Lam, Kan, San Antonio, TX, UNITED STATES
       Yin, Hua Qing, Alberta, CANADA
PI
       US 2003194444
                          A1
                                20031016
ΑI
       US 2002-277362
                          A1
                                20021022 (10)
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
RLI
       ABANDONED Continuation-in-part of Ser. No. US 2001-916757, filed on 27
       Jul 2001, PENDING Continuation-in-part of Ser. No. US 2001-840637, filed
       on 23 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2002-128208,
       filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. US
       2002-131511, filed on 23 Apr 2002, PENDING Continuation-in-part of Ser.
       No. US 2002-131568, filed on 23 Apr 2002, PENDING Continuation-in-part
       of Ser. No. US 2002-159587, filed on 30 May 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-131509, filed on 23 Apr 2002,
       PENDING
                           20010423 (60)
PRAI
       US 2001-285884P
DT
       Utility
FS
       APPLICATION
LN.CNT 3178
       INCLM: 424/618.000
INCL
       INCLS: 424/647.000; 424/649.000
NCL
              424/618.000
       NCLM:
       NCLS:
              424/647.000; 424/649.000
IC
       [7]
       ICM
              A61K033-38
       ICS
              A61K033-26; A61K033-24
       IPCI
              A61K0033-38 [ICM,7]; A61K0033-26 [ICS,7]; A61K0033-24 [ICS,7]
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
       IPCR
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 11 OF 14 USPATFULL on STN
AN
       2003:264887 USPATFULL
ΤI
       Methods of treating conditions with a metal-containing material
IN
       Burrell, Robert E., Alberta, CANADA
       Gillis, Scott H., Concord, MA, UNITED STATES
       Schechter, Paul, Dover, MA, UNITED STATES
       Naylor, Antony G., Alberta, CANADA
       Moxham, Peter H., Alberta, CANADA
       Wright, John B., San Antonio, TX, UNITED STATES
       Lam, Kan, San Antonio, TX, UNITED STATES
PΙ
       US 2003185901
                          A1
                               20031002
AΙ
       US 2002-277358
                          A1
                               20021022 (10)
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
RLI
       ABANDONED Continuation-in-part of Ser. No. US 2001-916757, filed on 27
       Jul 2001, PENDING Continuation-in-part of Ser. No. US 2001-840637, filed
       on 23 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2002-131509,
       filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. US
       2002-131511, filed on 23 Apr 2002, PENDING Continuation-in-part of Ser.
       No. US 2002-131568, filed on 23 Apr 2002, PENDING Continuation-in-part
       of Ser. No. US 2002-159587, filed on 30 May 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-128208, filed on 23 Apr 2002,
       PENDING
PRAI
       US 2001-285884P
                           20010423 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 3356
```

```
INCL
       INCLM: 424/618.000
       INCLS: 424/647.000; 424/649.000
NCL
       NCLM:
              424/618.000
       NCLS:
              424/647.000; 424/649.000
IC
       [7]
       ICM
              A61K033-38
              A61K033-26; A61K033-24
       ICS
              A61K0033-38 [ICM,7]; A61K0033-26 [ICS,7]; A61K0033-24 [ICS,7]
       IPCI
       IPCR
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 12 OF 14 USPATFULL on STN
AN
       2003:257329 USPATFULL
ΤI
       Solutions and aerosols of metal-containing compounds
IN
       Burrell, Robert E., Alberta, CANADA
       Gillis, Scott H., Concord, MA, UNITED STATES
       Schechter, Paul, Dover, MA, UNITED STATES
       Wright, John B., San Antonio, TX, UNITED STATES
       Lam, Kan, San Antonio, TX, UNITED STATES
       Yin, Hua Qing, Alberta, CANADA
       Naylor, Antony G., Alberta, CANADA
       Moxham, Peter H., Alberta, CANADA
PΤ
       US 2003180379
                          A1
                               20030925
ΑI
       US 2002-277673
                          A1
                               20021022 (10)
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
RLI
       ABANDONED Continuation-in-part of Ser. No. US 2001-916757, filed on 27
       Jul 2001, PENDING Continuation-in-part of Ser. No. US 2001-840637, filed
       on 23 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2002-128208,
       filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. US
       2002-131509, filed on 23 Apr 2002, PENDING Continuation-in-part of Ser.
       No. US 2002-131511, filed on 23 Apr 2002, PENDING
DT
       Utility
FS
       APPLICATION
LN.CNT 3353
INCL
       INCLM: 424/618.000
       INCLS: 424/646.000; 424/649.000
NCL
       NCLM:
              424/618.000
       NCLS: 424/646.000; 424/649.000
IC
       [7]
       ICM
              A61K033-38
       ICS
              A61K033-26; A61K033-24
       IPCI
              A61K0033-38 [ICM,7]; A61K0033-26 [ICS,7]; A61K0033-24 [ICS,7]
       IPCR
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
L6
     ANSWER 13 OF 14 USPATFULL on STN
AN
       2003:257328 USPATFULL
ΤI
       Dry powders of metal-containing compounds
       Gillis, Scott H., Concord, MA, UNITED STATES
       Schechter, Paul, Dover, MA, UNITED STATES
       Burrell, Robert E., Alberta, CANADA
PΙ
       US 2003180378
                         A1
                               20030925
       US 6866871
                          B2
                               20050315
       US 6989157
                          B2
                               20060124
AΙ
       US 2002-277298
                          A1
                               20021022 (10)
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
RLI
       ABANDONED Continuation-in-part of Ser. No. US 2001-916757, filed on 27
       Jul 2001, PENDING Continuation-in-part of Ser. No. US 2001-840637, filed
       on 23 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2002-128208,
       filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. US
       2002-131509, filed on 23 Apr 2002, PENDING Continuation-in-part of Ser.
       No. US 2002-131511, filed on 23 Apr 2002, PENDING Continuation-in-part
       of Ser. No. US 2002-131568, filed on 23 Apr 2002, PENDING
       Continuation-in-part of Ser. No. US 2002-159587, filed on 30 May 2002,
       PENDING
       Utility
DТ
       APPLICATION
FS
LN.CNT 3343
INCL
       INCLM: 424/618.000
       INCLS: 424/649.000
NCL
       NCLM: 424/618.000
              424/400.000; 424/489.000; 424/490.000; 424/617.000; 424/619.000;
       NCLS:
              424/646.000; 424/649.000; 514/492.000; 514/495.000; 514/849.000;
              514/853.000; 514/888.000; 514/924.000; 514/951.000; 514/952.000;
              514/958.000
IC
       [7]
       ICM
              A61K033-38
       ICS
              A61K033-24
       IPCI
              A61K0033-38 [ICM,7]; A61K0033-24 [ICS,7]
       IPCI-2 A61K0009-14 [I,A]; A61K0031-28 [I,A]; A61K0031-282 [I,A];
              A61K0033-24 [I,A]; A61K0033-38 [I,A]
       IPCR
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L6
     ANSWER 14 OF 14 USPATFULL on STN
AN
       2003:243905 USPATFULL
       Compositions of metal-containing compounds
TI
IN
       Burrell, Robert E., Alberta, CANADA
       Gillis, Scott H., Concord, MA, UNITED STATES
       Schechter, Paul, Dover, MA, UNITED STATES
       Wright, John B., San Antonio, TX, UNITED STATES
       Lam, Kan, San Antonio, TX, UNITED STATES
       Yin, Hua Qing, Alberta, CANADA
      Naylor, Antony G., Alberta, CANADA
       Moxham, Peter H., Alberta, CANADA
ΡI
       US 2003170314
                          Α1
                               20030911
ΑI
       US 2002-277356
                          A1
                               20021022 (10)
       Continuation-in-part of Ser. No. US 2000-628735, filed on 27 Jul 2000,
RLI
       ABANDONED Continuation-in-part of Ser. No. US 2001-916757, filed on 27
       Jul 2001, PENDING Continuation-in-part of Ser. No. US 2001-840637, filed
       on 23 Apr 2001, PENDING Continuation-in-part of Ser. No. US 2002-131509,
       filed on 23 Apr 2002, PENDING Continuation-in-part of Ser. No. US
```

```
2002-131511, filed on 23 Apr 2002, PENDING
DT
       Utility
FS
       APPLICATION
LN.CNT 3249
       INCLM: 424/618.000
INCL
       INCLS: 424/646.000; 424/649.000
NCL
       NCLM: 424/618.000
       NCLS: 424/646.000; 424/649.000
IC
       [7]
       ICM
              A61K033-38
              A61K033-26; A61K033-24
       ICS
       IPCI
              A61K0033-38 [ICM, 7]; A61K0033-26 [ICS, 7]; A61K0033-24 [ICS, 7]
              A61K0008-19 [I,A]; A61K0008-19 [I,C]; A61K0009-00 [I,A];
       IPCR
              A61K0009-00 [I,C]; A61K0009-14 [I,A]; A61K0009-14 [I,C];
              A61K0009-16 [I,A]; A61K0009-16 [I,C]; A61K0009-51 [I,A];
              A61K0009-51 [I,C]; A61K0009-70 [I,A]; A61K0009-70 [I,C];
              A61K0031-28 [I,A]; A61K0031-28 [I,C]; A61K0033-24 [I,A];
              A61K0033-24 [I,C]; A61K0033-38 [I,A]; A61K0033-38 [I,C];
              A61K0047-32 [I,A]; A61K0047-32 [I,C]; A61K0047-34 [N,A];
              A61K0047-34 [N,C]; A61K0047-36 [I,A]; A61K0047-36 [I,C];
              A61K0047-38 [I,A]; A61K0047-38 [I,C]; A61L0015-16 [I,C];
              A61L0015-46 [I,A]; A61L0017-00 [I,C]; A61L0017-14 [I,A];
              A61L0027-00 [I,C]; A61L0027-30 [I,A]; A61L0029-00 [I,C];
              A61L0029-10 [I,A]; A61L0031-08 [I,A]; A61L0031-08 [I,C];
              A61Q0019-00 [I,A]; A61Q0019-00 [I,C]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
=> d hist
     (FILE 'HOME' ENTERED AT 20:02:47 ON 18 MAR 2006)
     INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
     AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS,
     CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
     DRUGMONOG2, DRUGU, EMBAL, EMBASE, ... 'ENTERED AT 20:03:06 ON 18 MAR 2006
               SEA BIOFILM AND DISRUPT? AND ENZYME? AND SKIN? AND ACNE?
               0* FILE ANTE
               0* FILE AQUALINE
               0* FILE BIOENG
                   FILE IFIPAT
               1
                  FILE USPATFULL
              46
                   FILE USPAT2
               0* FILE WATER
L1
                QUE BIOFILM AND DISRUPT? AND ENZYME? AND SKIN? AND ACNE?
     FILE 'IFIPAT, USPATFULL, USPAT2' ENTERED AT 21:03:12 ON 18 MAR 2006
L2
             55 S L1
L3
             46 DUP REM L2 (9 DUPLICATES REMOVED)
L4
             42 S L3 AND ANTIMICROBIAL?
L5
             32 S L4 AND PEROXIDE
L6
             14 S L5 AND NAIL(P)TISSUE?
```

=>